

# Norcent

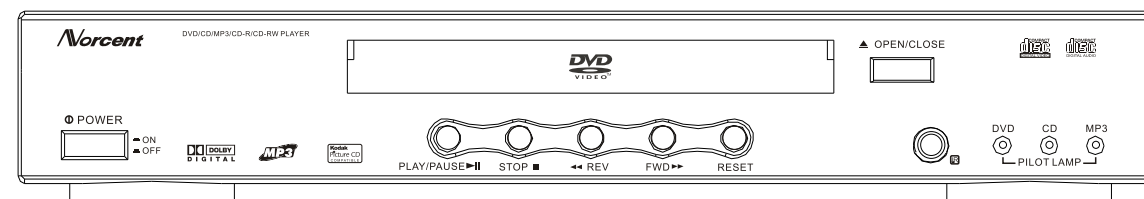
## DVD PLAYER DP315

### U S E R S M A N U A L

### Norcent Technology, Inc.

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San Dimas, CA 91773  
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## LIMITED WARRANTY

Warranty obligations of Norcent Technology, Inc. are limited to the terms set forth below:

1. Norcent Technology warrants to the original consumer purchaser that this Norcent DVD player will be free from defects in material and workmanship for the Standard Warranty Period of two years. The start of the warranty period is the date of purchase, verifiable by a dated sales receipt.
2. The warranty on a replacement player is the remainder of the warranty period on the original player or 90 days, whichever is longer.
3. If the original consumer purchaser discovers a defect, Norcent Technology will, at its option, repair the DVD player at no charge to the consumer, provided it is returned during the warranty period, with transportation charges prepaid, to Norcent Technology, Inc. at the address below. The unit must be sent properly packaged in original Norcent Technology packaging or in Norcent Technology-approved packaging.
4. For warranty service, contact Norcent Technology at 909-305-2121 (in the U.S.A.) to obtain a Return Material Authorization (RMA) number. A copy of the original dated sales receipt bearing the appropriate Norcent Technology serial number may be required for warranty service.

The following are not covered under this warranty:

- Normal wear and tear
- Abuse, unreasonable use, mistreatment, or neglect
- Damage caused by the equipment or system with which the disc player is used
- Damage caused by modification or repair not made or authorized by Norcent Technology, Inc.
- Disc player whose Norcent Technology, Inc. serial number has been removed or defaced
- Damage caused by use of non-Norcent Technology, Inc. packaging
- Damage caused by improper or improperly used packaging
- Players that are determined to be stolen

THIS WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS, WHETHER ORAL OR WRITTEN, EXPRESSED OR IMPLIED. NORCENT TECHNOLOGY, INC. SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND AGAINST INFRINGEMENT.

No Norcent Technology, Inc. dealer, agent, distributor, or employee is authorized to make any modification, extension, or addition to this warranty. NORCENT TECHNOLOGY, INC. IS NOT RESPONSIBLE FOR SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR UNDER ANY OTHER LEGAL THEORY, INCLUDING, BUT NOT LIMITED TO, LOSS OF DATA, LOSS OF PROPERTY, AND ANY COSTS OF RECOVERING PROGRAMMING OR REPRODUCING ANY PROGRAM OR DATA STORED IN OR USED WITH NORCENT TECHNOLOGY, INC. PRODUCTS.

Some states do not allow the exclusion of limitation of incidental or consequential damages or exclusion of implied warranties, so the above limitations or exclusions may not apply to you. This warranty gives you special legal rights; you also have other rights that vary from state to state.

## PRECAUTIONS

The lightning flash with arrow-head symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the DVD.

**WARNING: TO AVOID THE DANGER OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. NEVER OPEN THE CABINET, AS DANGEROUS HIGH VOLTAGES ARE CONTAINED INSIDE. ONLY A QUALIFIED SERVICE TECHNICIAN SHOULD ATTEMPT OPEN THE CABINET. CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, AND FULLY INSERT INTO ELECTRICAL SOCKET.**

**CAUTION: This Digital Versatile Disc Player employs a laser system. To prevent direct exposure to the laser beam, do not open the enclosure. Visible laser radiation is present when enclosure is open. DO NOT STARE INTO BEAM. Additionally, the use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. To ensure proper use of this product, please read this owner's manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service location, or contact Norcent Technology.**



This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, this is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- ◆ Reorient or relocate the receiving antenna
- ◆ Increase the separation between the equipment and receiver
- ◆ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- ◆ Consult the dealer or an experienced radio/TV technician for help

**FCC Caution: Any changes or modifications not expressly approved by Norcent Technology could void the user's authority to operate this equipment.**

### INDUSTRY CANADA REQUIREMENT

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.



### PROTECT YOURSELF!

Record the model and serial numbers for this unit while it is easy to see them. These numbers are located on the back of the unit's cabinet. Retain this information for future reference.

Model No. : DP315

Serial No. :

*Retain this information for future reference.*

### CAUTION

**RISK OF ELECTRIC SHOCK DO NOT OPEN**

**CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). THERE IS NO USER SERVICEABLE PART INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Manufactured under license from Dolby Laboratories.

"Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

## IMPORTANT SAFETY INFORMATION

### Import Safety Instruction

Read these instructions. Keep these instructions. Heed all warnings. Follow all instructions.  
 Do not use this apparatus near water.  
 Clean only with dry cloth.  
 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.  
 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.  
 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.  
 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.  
 Only use attachments/accessories specified by the manufacturer.  
 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus.  
 When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



Unplug this apparatus during lightning storms or when unused for long periods of time.  
 Refer all servicing to qualified services personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.  
 If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size or grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.  
 Do not overload wall outlets, extension cords, or integral convenience receptacles, as this may result in a fire or electric shock.  
 Power-Cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.  
 Power Lines----An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.  
 Power Sources should be operated only from the type of power source indicated on the marking label.  
 If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power or other sources, refer to the operating instructions. This DVD player operates on 120V AC/60Hz. Do not turn off unit immediately after turning on; wait at least 10 seconds.  
 When replacement parts are required, be sure the service technician has used replacement parts specified by Norcent Technology, Inc. or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.  
 Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.  
 Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation and protection from overheating. These openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided. Never place this product near a heat source, such as heat registers, stoves, radiators, or any other product that produces heat.  
 The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.  
**WARNING:**  
 To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

## TECH SPECIFICATIONS

Color System	NTSC
Compatible Discs	DVD,CD,MP3,CD-R,CD-RW,PICTURE CD
Resolution Ratio	Greater Than 480p lines
Video S/N Ratio	65dB
Frequency Response	fs(96KHz/24bit)4Hz - 44KHz: +/-2dB
Audio S/N Ratio	95dB
Degree of Distortion	<0.01%
D/A Converter	96KHz/24bit
Video Out	1Vp-p(75ohm)
S-Video Out	Y:1Vp-p(75ohm); C:0.286Vp-p(75ohm)
Audio Out	2.0V+0V/-1V
Digital Audio Output	Coaxial
Connections	CVBS Connection, S-Video, 2 Channel Output Y/Pb/Proutput
Power Supply	AC120V/60Hz
Consumed Power	20W

**Because its products are subject to continuous improvement, Norcent Technology reserves the right to modify product design and/or specifications without notice and without incurring any obligations.**

This handy trouble-shooting guide is provided to save you time in case you experience any inconvenience with this DVD player.

Problem	Possible Solution
No Power	1. Check to Ensure that the power plug is securely in the wall outlet.
No sound	1. Check the connection between the DVD player and the TV set, amplifier, or any other unit it is connected to. 2. Check to ensure the TV and amplifier are in the correct mode (video 1).
No picture	1. Check the connection between the DVD player and the TV set or any other unit it is connected to. 2. Check to make sure TV is turned.
Disc does not play	1. Check to make sure the disc is loaded correctly label side facing up on disc tray). 2. Check that disc is clean from dirt, dust, finger prints, smudges. 3. Check to ensure disc is within the guides on the tray. 4. Check parental lock function is on. 5. Make sure disc is for use in region 1.
Remote does not work	1. Check batteries; possibly replace. 2. Check to ensure there isn't any obstacles between the remote sensor on the unit's front panel and the remote control. 3. Be sure the remote is aimed at the remote sensor.
Divided picture	1. Check that disc is clean and has no scratches. 2. The unit is controlled by a microcomputer, which may need to be reset. Turn off the unit's power, wait several seconds, then turn back on.
No color picture	1. Check to see if the S connector is damaged (bent pin).
MP3 discs don't play	1. Use Another Software Edition to Reburn Disc, as the edition used may not be compatible with the player. 2. Use new editions of software such as Audio station 4, Easy CD Creator, Toast Titanium, etc. 3. Make sure MP3 file is not encoded with a variable bit rate, such as provided by Real Networks.

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The following will help you get the most enjoyment from your Norcent DVD player.

#### BEST LOCATION

The unit should be placed on a firm, flat surface, away from VCRs, stereos, radios, or large speakers, as the magnetic flux from these devices may cause distortion in the sound and a poor picture. If placed in a cabinet, be sure there is at least 1 of free space completely around the unit for proper ventilation.

#### TO OBTAIN A CLEAR PICTURE

A DVD player is a precision device. If the optical pick-up lens and disc drive parts become dirty or worn down, picture quality will become poor. To obtain a clear picture, regular inspection and maintenance are recommended every 1,000 hours of use, depending on the operating environment. Contact dealer for details.

#### PLAYABLE DISCS

This Norcent DVD player will play the following types of discs: DVD, Mp3, CD, CD-R, and CD-RW with super-error correction ability. It is also capable of displaying picture CDs and digital photo albums. It supports eight languages, up to 32 subtitles, and multi-angle viewing. It features easy setup and operation with on-screen menus. It has full function CPU up gradable capability.

#### DIGITAL AUDIO OUTPUT

The unit's coaxial output capability enables you to connect an external six-channel AV amplifier and processor with built-in Dolby Digital codes and MPEG modulating capacity with just one cord. This enables you to conveniently enjoy different DVD, CD, and MP3 discs.

#### LASER-HEAD OVER-CURRENT PROTECTION SYSTEM

To extend the service life of the laser head, the unit includes a unique laser-head over-current protection system, ensuring a constant laser current.

#### USE OF DISCS

This page contains valuable information regarding the handling, cleaning, and storage of discs played in this unit.

#### HANDLING

##### Handling

Do not touch the playback side of the disc.

Do not attach paper or tape to discs.

Do not stick or write anything on the surface. Protect against fingerprints.

Always hold a disc by the center and edge portions.

#### Cleaning DISCS

◆ Fingerprints and dirt on the disc may cause picture and/or sound deterioration. Wipe the disc from the center outward with a soft cloth. Always keep the disc clean.

◆ If you cannot wipe the dirt off, lightly use a slightly moistened soft cloth and finish with a dry cloth.

◆ Do not use any type of solvent such as: Paint thinner, benzene, commercially available cleaners or anti-static spray for vinyl LPs.

#### Storing

Do not store discs in places subject to direct sunlight or near heat sources.

Do not store discs in places subject to moisture and dust.

Store discs vertically in a case. Stacking or placing objects on discs outside of their case may cause warping.

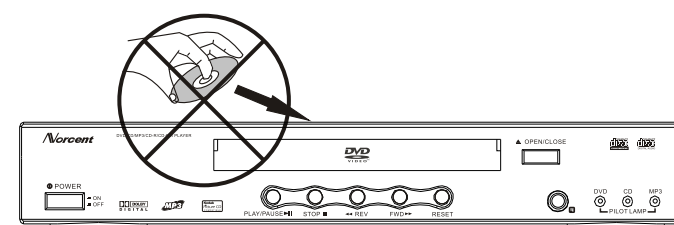
**NOTE:** Norcent Technology, Inc. is not responsible for damage that may occur to any disc that is operated in this unit or not handled, cleaned, or stored as suggested above.

#### To play an audio disc:

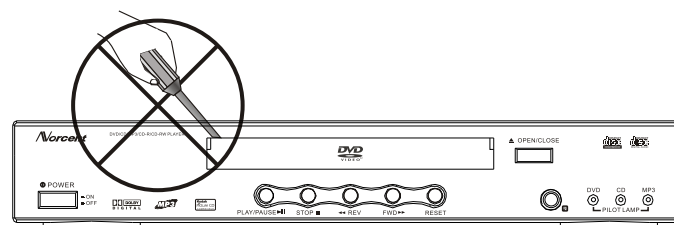
Turn on the audio system and choose the input source that is connected to the DVD player. Set the AUDIO OUTPUT to DIGITAL OUTPUT OFF from the SETUP MENU display if you don't have the proper equipment for Dolby Digital surround sound.

1. Press the POWER key on front panel. DISC LOADING appears on screen.
2. Press the OPEN/CLOSE key. The disc tray will open.
3. Place the disc on the disc tray. Be sure play side is face down on the tray.
4. Press OPEN/CLOSE key to close tray. The disc tray will close. The disc type will appear in the upper-right-hand corner of the screen.

Once it has read the disc, the unit automatically will begin playback. When playing a DVD, the DVD or title menu will appear. CD tracks are played in sequence.



It is possible to damage a disc if it is not placed correctly on the guides in the disc tray. This may also cause the DVD player to malfunction. Do not force or place anything other than a 5 inch DVD or CD onto the disc tray.



Never moving the DVD player during playback, as this may cause damage to the disc as well as the player. To open and close the disc tray, only use the OPEN/CLOSE key found on both the remote control and the unit's front panel.

**2. Stop**

Press the STOP key to return the picture Of the File manager.

During Slide Show,press the STOP key to enter the file manager and press the PLAY key to continue the playback of slides.

**3. Browsing****4. Rotating**

5. Adjusting the interval between the playback of slides by fast forward and fast return.

**6. Zooming****7. 11 patterns of playback**

3~7 functions and the operation of Kodak Picture CD

**Mixed disks****1. Reading and playing back the disk**

- ◆ If a disk contains both the MP3 music file and the JPEG picture file, it is a mixed disk. The player will read it and recognized it as CD-ROM.
- ◆ Press an arrow key to select the catalog and press the PLAY key to enter the mode of playback.
- ◆ Press a number key and then the PLAY key to determine your choice or directly select the song or the picture you desire.

**2. Simultaneous playback of the MP3 and the JPEG**

- ◆ You can select a certain picture as the background before the playback of MP3.
- ◆ To select a background picture, operate as follows:
  1. Press the PLAY key to enter the JPEG slide show and press the STOP key to enter the file manager.
  2. Select the MP3 you desire and press the PLAY key to enter the playback mode.
  3. Press the MENU key so that the picture of the file manager disappears and the background picture remains.

**1. Excellent sound quality**

The Dolby Digital system developed by Dolby Lab is characterized by its high quality surrounding sound and is capable of playing back the quality sound of the DVD and CD disk.

**2. High definition**

The player has the function of decoding MPEG2 to play back high-definition images.

**3. Unique functions**

The player is capable of multi-angle and multi-language playback (Given that the disk has the functions), The parental locking function is convenient for them to monitor the content of the disk.

**4. Compatibility**

The system can play back DVD, DVD-R and DVD-RW disks and is compatible to CD, HDCD, Kodak Picture CD, CD-RW and MP3, And other kinds of disks.

**5. Zooming functions**

The system can enlarge the picture twice or quadruple. As for JPEG pictures, there are five zoom patterns including 25%, 50%, 100%, 150%, 200% and the size fitting the TV set.

**6. Browse functions**

You can browse all the content of the disk and select what you desire to play back.

**7. Special playback**

Supporting playback in the mode of fast forward, fast rewind, slow speed, frame-by-frame, repeating and programming. Supporting the rotation of JPEG pictures.

**8. Searching functions**

The player can quickly search out the content at a certain point of the disk, which is especially convenient for the appreciation of a feature.

**9. Content display**

The content is displayed in English, Spanish, French, German and the information of the disk is clear at a glance.

**10. Video Output**

To support composite video output (CVBS) and simultaneously output with S terminal image signal; CVBS and YUV component signal output simultaneously; progress scan YUV output.

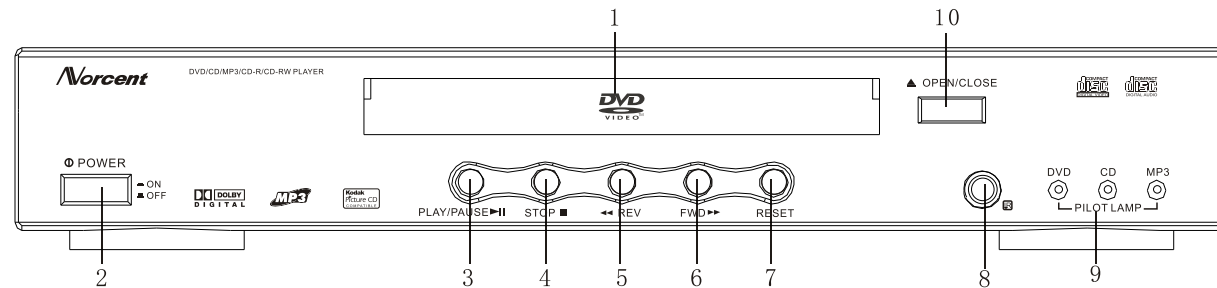
**11. Audio Output**

The player outputs two-channel analog audio and supports coaxial digital audio output. Moreover, you can connect it to a sound amplification system to appreciate the quality sound effect.

**12. Intelligent upgrading**

The chip supports the intelligent upgrading and therefore there is no worrying about the bolting of the old version of the software.

Front panel function:



- |                 |                 |                                 |
|-----------------|-----------------|---------------------------------|
| 1. Disc Tray    | 5. Fast Rewind  | 8. Remote Control Signal Sensor |
| 2. Power Switch | 6. Fast Forward | 9. Disc Type Indicator          |
| 3. Play/Pause   | 7. Reset        | 10. Open/Close                  |
| 4. Stop         |                 |                                 |

6. Transition Effect

- ◆ We provide the 10 way to display serial picture for mechanism. You can press [Angle] key in proper sequence to select display mode on serial picture.
  1. Cover Up: The first picture is covered from bottom to top by the second picture.
  2. Cover Down: The first picture is covered from top to bottom by the second picture.
  3. Up Cover Up: The first picture automatically moves up to disappear, the second picture is already stayed on the background.
  4. Up Cover Down: The first picture automatically moves down to disappear, the second picture is already stayed on the background.
  5. Split Horizontal: The first picture is cover from both top and bottom to middle by the second picture.
  6. Split Horizontal: The first picture automatically moves from middle to both top and bottom to disappear, the second picture is already stayed on the background.
  7. Wipe Up: The first picture replaces from bottom to top by the second picture.
  8. Wipe Down: The first picture replaces from top to down by the second picture.
  9. Blinds Horizontal Up: The first picture divides several rows and replaces from top to down by the second picture row by row at the same time.
  10. Blinds Horizontal Down: The first picture divides several rows and replaces from down to top by the second picture row by row at the same time.
  11. Fade Trough B: The first picture becomes all black to disappear, then the second picture appear from black background to light.
  12. No Effect: No special effect.

Operating the functions of the CD-ROM

The MP3 and the JPEG picture are stored in the CD in the file format and managed in the file catalog.

MP3 disks

MP3 is the pattern by compressing the MPEG3 audio. The MP3 format is used to compress the audio signal so that a disk can recode a long as 600 minutes plus music or 170 songs with the same sound quality as that of a CD.

1. Reading and playing back a disk

Put a disk into the DVD player and the system will in a few seconds read it and recognize it as an MP3 disk. Then it enters the interface of the file manger.

- ◆ Press an arrow key to select the catalog and the track you desire.
- ◆ Press a number key and then the PLAY key to determine your choice or directly select the track you desire.

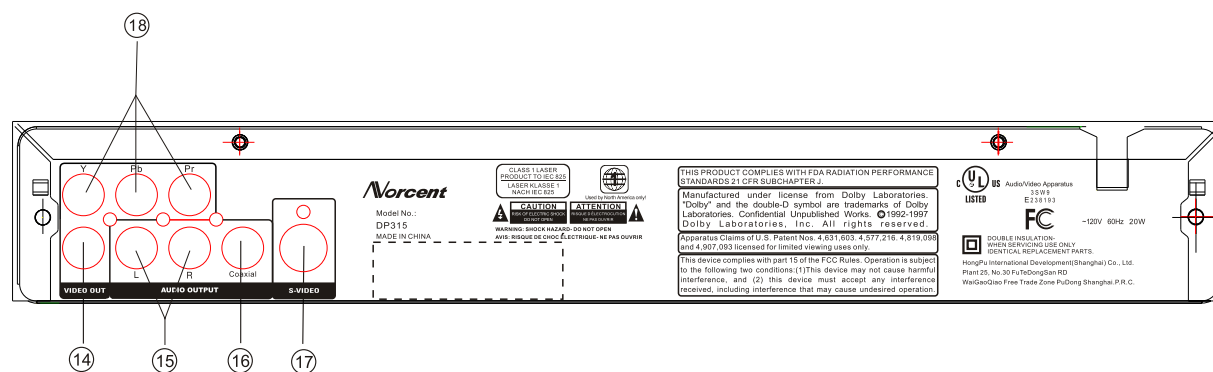
JPEG disks

1. Reading a disk and enter the playback of slides

Put a disk into the DVD player and the system will in a few seconds read it and recognize it as a JPEG disk. Then it enters the interface of the file manger.

- ◆ Press an arrow key to select the catalog and the track you desire. Then press the PLAY key to enter the playback of slides.
- ◆ Press a number key and then the PLAY key to determine your choice or directly select the picture you desire.

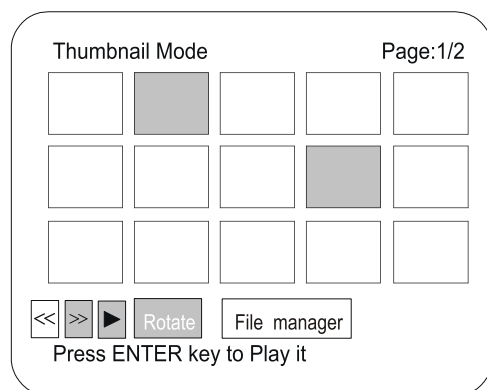
Back panel function:



- |                       |                                       |                        |
|-----------------------|---------------------------------------|------------------------|
| 14 Video output jack  | 16 Digital signal coaxial output jack | 18 Y/Pb/Pr output jack |
| 15 Audio output jacks | 17 S-video output jack                |                        |

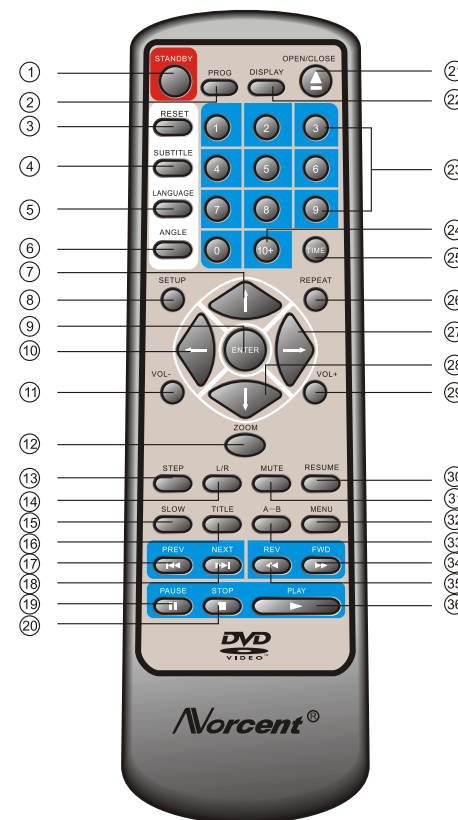
The Kodak picture CD is an electronic album. The Kodak fast color development chain can make your photos into an electronic album as you desire. Then, you can appreciate your colorful images through a computer or a DVD player.

1. Detect Kodak Picture CD and slide show automatically
  - ◆ Please put Kodak Picture CD in your DVD player After waiting a few seconds, it will start to slide show automatically.
2. Pause, next picture and previous picture
  - ◆ You can press [pause] key to pause the slide show.
  - ◆ You can press [next] key to see next picture directly without waiting slide show.
  - ◆ You can press [previous] key to see last picture directly without waiting slide show.
3. Provide the mechanism for rotation of images
  - ◆ We provide the mechanism for rotation of images with information to be retained for current viewing session. You can rotate individual images 90 degrees right or left. You can also flip individual image horizontally by up key, individual image vertically by down key.
  - ◆ Press [right] key to rotate image right 90 degree.
  - ◆ Press [left] key to rotate image left 90 degree.
  - ◆ Press [up] key to flip image horizontally.
  - ◆ Press [down] key to flip image vertically.
4. Provide thumbnail display in one screen for quick browsing
  - ◆ Press [stop] key to enter thumbnail mode. You can see 15 thumbnails in one page.
  - ◆ Press [right], [left], [up] and [down] keys to move the cursor. If you want to play the image, press the [play] key.
  - ◆ Press [next] or [previous] key to see next or previous page.



5. Provide zoom features
  - ◆ Press the [zoom] key to zoom the image.
  - ◆ We provide 25%, 50% and 100%, 150% and 200% size to see the zoomed image. You can press the [zoom] continuously to reach every mode.
  - ◆ Press [left], [right], [up] and [down] keys to pan the image when the image is larger than the TV display.

Remote Control

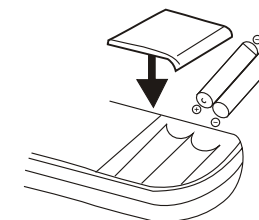


- ① STANDBY
- ② PROGRAM
- ③ RESET
- ④ SUBTITLE
- ⑤ LANGUAGE
- ⑥ ANGLE
- ⑦ UP
- ⑧ SETUP
- ⑨ ENTER
- ⑩ LEFT
- ⑪ VOLUME -
- ⑫ ZOOM
- ⑬ STEP
- ⑭ L/R CHANNEL
- ⑮ SLOW
- ⑯ TITLE
- ⑰ PREVIOUS
- ⑱ NEXT
- ⑲ PAUSE
- ⑳ STOP
- ㉑ OPEN/CLOSE
- ㉒ DISPLAY
- ㉓ 0-9 NUMBER KEY
- ㉔ 10+ KEY
- ㉕ TIME
- ㉖ REPEAT
- ㉗ RIGHT
- ㉘ DOWN
- ㉙ VOLUME +
- ㉚ RESUME
- ㉛ MUTE
- ㉜ MENU
- ㉝ A-B REPEAT
- ㉞ FAST FORWARD
- ㉟ FAST REWIND
- ㊱ PLAY

Using the Remote Control

Point the remote control at the remote sensor in order for the player to function correctly. The remote will function to approximately 21' from the remote sensor at an angle of approximately 30° each direction.

**Note:** Directing the remote sensor toward any light source, such as direct sunlight, may cause the unit to malfunction. Do not spill water or put wet items on the remote control. Never disassemble remote control.



BATTERIES

**INCORRECT USE OF BATTERIES MAY CAUSE THEM TO LEAK, CORRODE OR EXPLODE.**

- ◆ Be sure to place the batteries in the correct direction.
- ◆ It is dangerous to charge/heat/open or short-circuit the batteries.
- ◆ Do not leave dead or expired batteries or mix old/new batteries.
- ◆ When not using the remote control for a long duration of time, remove the batteries. When operating range becomes reduced, replace all batteries with new, fresh ones.
- ◆ If leakage from the battery occurs, wipe the battery liquid from the battery compartment, then replace.



**Accessories**

Check to make sure the following accessories are included in the unit carton.

- ◆ Remote Controller
- ◆ A/V cable
- ◆ User's manual
- ◆ Warranty card
- ◆ Two AAA batteries
- ◆ Quick installation guide

If any item is damaged or missing, please inform your dealer immediately.

**Installing Batteries in Remote Control**

Insert the two AAA batteries into the battery compartment of the remote control, making sure the + and- signs on the batteries and inside the battery compartment match up. (See previous page.)

**System Connection**

Make sure the unit's power is turned off prior to connecting the unit to any other component.

Audio/video cables are color coded for easy installation. Be sure connections are fitted firmly.

Yellow = video terminals

White = audio terminals

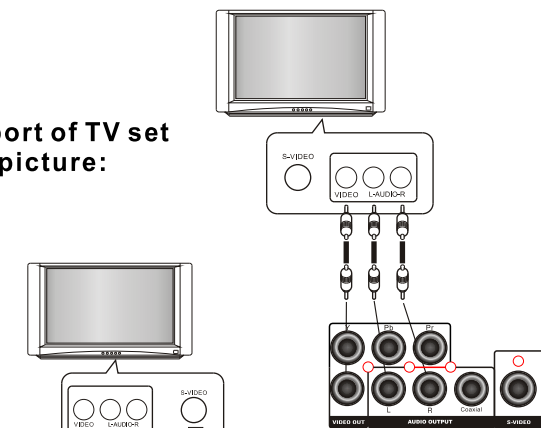
Red = audio terminals

Shown below is a schematic for connecting components.

**Connect with TV**

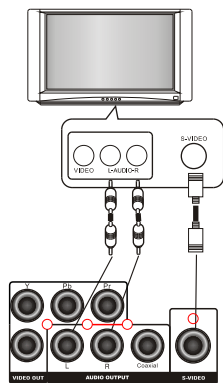
**1.Normal Connection**

Connect the player and the appropriate port of TV set with audio wire, as indicated in the right picture:



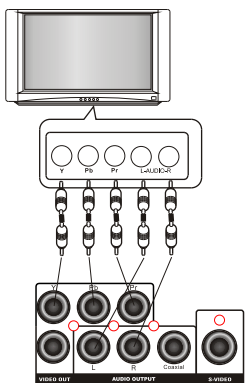
**2.Connect with S Terminal**

Connect one end of the S-terminal wire with S-terminal output socket on DVD back-panel and another with the S-terminal input socket of TV, and then connect audio wire with TV.

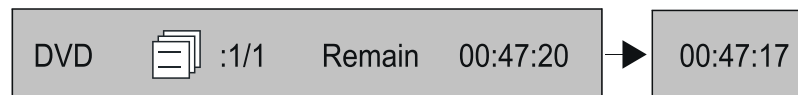


**3.Connect with Y/Pb/Pr Terminal**

If your TV set has the progress scan terminal YPbPr, use component video cable (not included) to connect the YPbPr terminal of the player. If you want to connect with the YPbPr, select progress scan video mode.



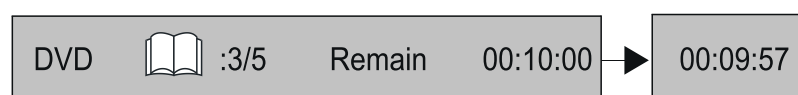
Third time



Fourth time



Fifth time



- ◆ Press the DISPLAY key for the sixth time and the screen display will disappear.

**2. CDDA disks**

- ◆ After the automatic playback of the disk, on display will be the playback time of the whole disk. Press the DISPLAY key from the first time to the third time, on display in sequence will be there maining time of the whole disk, the elapsed time of the track and its reminder. The prompt information will disappear in three seconds and only the time display remains on the top right corner.
- ◆ Press the DISPLAY key for the fourth time and the screen display will disappear.

**3. CD-ROM and PICTURE CD disks**

- ◆ Press the DISPLAY key and on display will be the type of the disk, the file name and the catalog the file belongs to.



- ◆ Press the DISPLAY key again and the screen display will disappear.

**Playback of the menu**

A number of DVD disks have recorded a title menu or a chapter menu, and the menu picture will appear when the playback starts.

The user can also press the MENU key or the TITLE key to enter the option mode and determine the option by an arrow key and a number key. Then press the PLAY key or ENTER key to exercise the option.

**Multinational languages**

A DVD disk can simultaneously recode eight accompaniment languages at most. The user can choose one among them in the system setup or press the LANGUAGE key to switch over from one language to another during the playback.

**Multi-language captions**

A DVD disk may recode captions in as many as 32 languages. The user can choose one among them in the system setup or press the SUBTITLE key to switch over from one language to another during the process of the playback.

**Multi-angle selection**

As for the DVD disk shooting in multiple angles, the user can view it in different angles or press the ANGLE key to switch over from one angle to another during the process of the playback.

Zooming functions

Press the ZOOM key in succession during the playback of a DVD disk and the picture will be enlarged in sequence by 2 times, 4 times and then resume the normal size.

Press the ZOOM key in succession during the playback of a JPEG / PICTURE CD disk and five display patterns will be achieved: the size fitting the TV set, 25%, 50%, 100%, 150%,200%.

Progressive Scan

The player supports the function of the progressive scan, please select the YUV P-scan in the system setup - screen setup - YUV P-Scan in order to obtain a clear picture.

Note : If you want to use this function, your TV set must support the way of PSCAN input, and before switching to that function, (if your TV set support 720p, you can use this function and you will be getting better image), make sure the TV set is properly connected.

Screen display

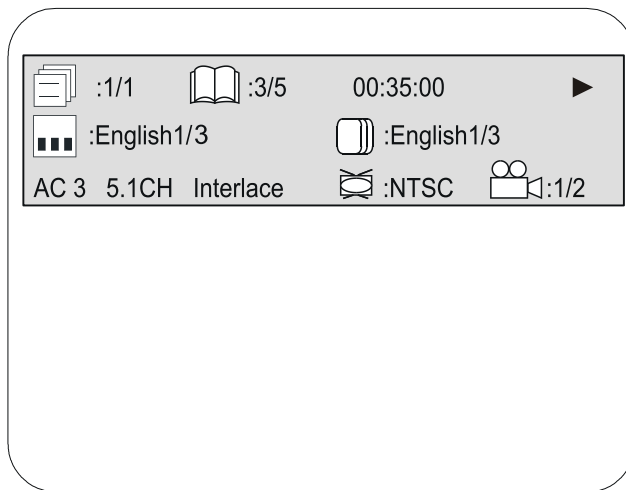
The screen display --- OSD, On Screen Display --- is a user's interface. When the system executes a certain function or the user presses the DISPLAY key, the corresponding information of the mode of the disk will display on the top right or low right corner of the TV screen.

The information of the OSD varies with different types of disk and the information of different types is usually indicated with signs.

Press the DISPLAY key during the playback and the information of the disk and the playback time will display on the upside of the screen.

1. The DVD disk

- ◆ Press the DISPLAY key first time and the information of the disk and the current playback mode will display.

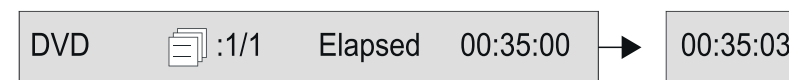


The information of the disk is shown as the left figure.

Title: 1/1 Chapter: 3/5  
 Time: 00:35:00 Mode: Playback  
 Caption: Three kinds. The current language is English.  
 Language: Three kinds. The current language is English.  
 Sound: AC3 5.1channel  
 Video output: Non-interlaced  
 TV format: NTSC  
 Angle: Two. The current kind is the first kind.

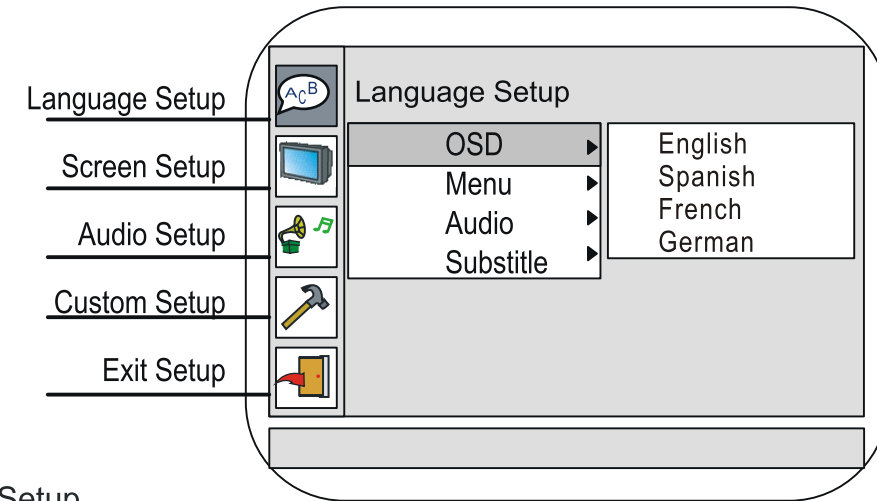
- ◆ When you press the DISPLAY key from the second time to the fifth time, on display in sequence are the elapsed time of the title and its remainder and similarly that of the chapter. The prompt information will disappear in three seconds and only the time display remains on the top right corner of the screen.

Second time



Various features of the player can be adjusted in the SETUP menu:

1. Press SETUP button menu appears.
2. Press the UP/DOWN, RIGHT/LEFT button to highlight the desired menu.
3. NOTE: please make sure the mode is in stop mode.



Language Setup

In stop mode, press SETUP button, highlight Language Setup

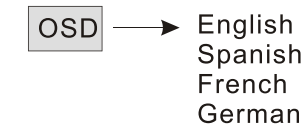
Press UP/DOWN, RIGHT/LEFT button to select .

Press PLA Y/ENTER button, the screen displays sub-menu.

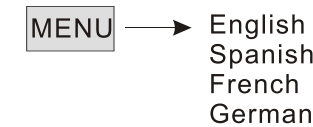
Press UP/DOWN, RIGHT/LEFT button to highlight the desired item in the LANGUAGE menu.

Press PLA Y/ENTER to confirm you selected item.

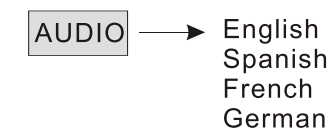
Press SETUP to quit.



OSD options indicate the menu language and the display language of the player There are four options --- English,Spanish,French and German ---and English is the default setup.



Menu options indicate the languages a disk uses and there are in all four languages: English, Spanish, French and German. English is the default language.



AUDIO options indicate the dialog language used in the process of the playback and there are in all four languages to choose: English, Spanish, French and German.English is the default language.

Subtitle → English  
Spanish  
French  
German

Subtitle options indicate the caption language used in the process of the playback and there are in all four languages to choose: English, Spanish, French, and German. English is the default language.

Screen Setup

In stop mode, press SETUP button, highlight Screen Setup

Press UP/DOWN, RIGHT/LEFT button to select .

Press PLAY/ENTER to confirm you selected item.

Press SETUP to quit.

TV TYPE → 4:3 LB(Letter Box)  
4:3 PS(Pan Scan)  
16:9

Default setting: 4:3 LB

There are three picture formats: 4:3 PS; 4:3LB; 16:9.

During the playback of a disk recorded in the wide screen format (16: 9), you can adjust the picture setup to enjoy a better view. If you use a wide screen TV set, you can choose <16: 9> option to achieve the best visual effect. The following picture shows the effect produced by a wide screen TV set.



If you use a traditional TV set (4: 3), you can choose <4: 3 PS> or <4: 3 LB> format to make adjustment.

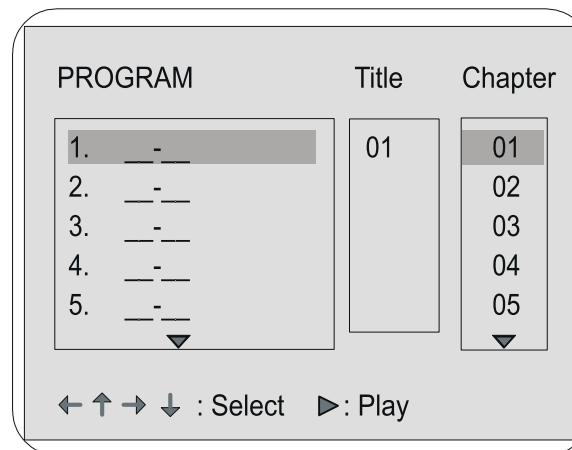
You can view in <4: 3 LB> format a complete but smaller picture with dark bars on the top and bottom of the picture. The following picture shows the effect produced in <4: 3 LB> format.



Programming playback

This function can help the user to set the playback sequence they desire.

DVD PROGRAM

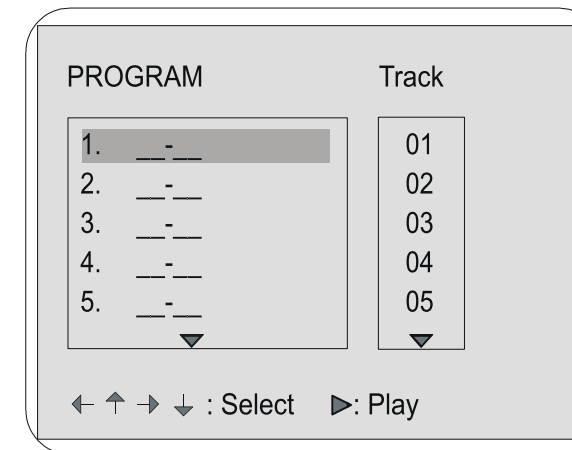


Press PROGRAM key, an edit box will appear on the screen. Use direction keys to select the desired title/chapter to play as a program.

Press PLAY to confirm and start the play.

Press STOP key two times quit the program mode.

CD PROGRAM



Press PROGRAM key, an edit box will appear on the screen.

Use direction keys to select the desired tracks to play as a program.

Press PLAY to confirm and start the play.



Repeating playback

You may play a Chapter, a Track, a Title, a file or the entire Disc repeatedly. During Disc playback, press REPEAT repeatedly to choose a Repeat option. Depending on the type of Disc, the Repeat options are different.

To cancel repeat playback, repeatedly press REPEAT OFF message or symbol showing on the screen. Repeat A-B playback. You may also set the DVD Player to play only a Track repeatedly. Follow these steps below.

When the Disc reaches the point at which you want repeated playback to begin, press REPEAT A-B. When the Disc reaches the point at which you want to end the segment, press REPEAT A-B again. The segment will begin playing repeatedly.

Fast playback

Press the FWD key in succession and the playback speed will increase in circulation by 2 times 4 times 8 times 16 times 32 times the normal speed.

Press the REV key in succession and the return speed will increase in circulation by 2 times 4 times 8 times 16 times 32 times the normal speed.

Press the PLAY key during any fast-forward or the fast-return mode and the normal playback will be resumed.

Slow playback

Press the SLOW key in succession during the playback mode and the speed will decrease in circulation by 1/2 times 1/4 times 1/8 times 1/16 times 1/32 times the normal speed.

Press the PLAY key during any slow playback mode and the normal playback will be resumed.

Choosing the next / last track

Press the NEXT key or the PREVIOUS key during the playback or pause mode and you can jump to the next or last chapter / track.

Time search

Press the TIME key and you can quickly find the special time of the title /chapter/ track to be chosen. And the playback will start with that point.



Time search model 1

At this time, you can move the cursor by the left or right arrow key and use the number key to make your choice. Press the PLAY key after finishing the choice and the playback will start.



Time search model 2

If you press the TIME key twice, the time point to be chosen will display on the screen, shown as the illustration. At this time, you can choose the special time point by a number key and an arrow key. Then press the PLAY key and the playback will start. Notice that the input time can not be longer than the total time of the chapter/ disk.  
Time search model 1: search chapter/title  
Time search model 2: search time

Numeric Key Pad

To directly access any track/Chapter during playback, press the Numeric keys to input the desired Track/Chapter number.

Make sure the Track/Chapter number you enter is available on the Disc.

Note that some DVD disc do not allow direct access function.

RESET

Use this button to reset the video output from YUV P-Scan to CVBS+S-video. (Note: It is not function when video output in S-video or CVBS.)

You can view in <4: 3PS> format a picture with its original size but its right and left sides will be cut. The following picture shows the effect produced in <4: 3 PS> format, whose right and left sides are cut.



VIDEO OUT

Video Out → CVBS+S-Video  
CVBS+YUV  
YUV P-Scan

Default setting: CVBS+S-Video

SCREEN SAVER

Screen Saver → ON  
OFF

Switching on /off the screen saver function.

BRIGHTNESS

Brightness → Normal  
Bright  
Soft

You can choose normal, bright or soft mode according to your preference.

CONTRAST

Contrast → -4  
-3  
-2  
-1  
0  
1  
2  
3  
4

-4, -3, -2, -1, 0, +1, +2, +3, +4, 0 are normal. You can choose the others according to your preference.

Audio Setup

In STOP mode, press SETUP button, highlight Audio Setup

Press UP/DOWN, RIGHT/LEFT button to select .

Press PLA Y/ENTER to confirm you selected item.

Press SETUP to quit.

Digital Audio Output

SPDIF/PCM digital audio output(coaxial) PCM format

SPDIF/RAW digital audio output(coaxial) RAW format

OFF turn off the digital audio output

Default Setting: OFF

NOTE: When digital output is not in use, it is recommended to turn off the digital output setting for the purpose on minimizing circuit interference.



### Custom Setup

In STOP mode, press SETUP button, highlight Audio Setup

Press UP/DOWN, RIGHT/LEFT button to select.

Press PLAY/ENTER to confirm you selected item.

Press SETUP to quit.

### Parental Control

	1
	2
	3:PG
	4:PG13
	5
	6:R
	7:NC17
Parent Ctrl	→ 8

There are total eight levels of this control. 8 levels as follows:1;2;3:PG;4:PG13;5;6:R;7:NC17;8.

The first level discs are open to people of every age and eight level only suitable for the adult. If you want to change the PARENT CTRL setting, enter the user's age control item and then enter four digital secret code. The default secret code is 8888(if you are using this player for the first time, just input this code). If the input code has been confirmed, the level setting up menu will appear. Move the cursor to choose the expected level and press ENTER button to confirm and withdraw to the 'Custom Setup' menu or press SETUP button to directly withdraw from the operation.

### Change Password

Move the cursor to the CHANGE PASSWORD item and press ENTER button to confirm and then input secret code '8888'(if it is the first use).After confirmation, you are required to input new secretcode and then press ENTER button to confirm. And retreat the CUSTOM SETUP interface.

Warning: Please remember the new secret code, otherwise you will not able to change the PARENTAL CTRL. Please contact the agent or our company once you forget the secret code.

### Angle Mark

There are 'ON' and 'OFF' two choice for this item. If in the 'ON' mode, when play a disc which the content is multi-angle shot, OSD appears multi-angle mark.You may press the ANGLE button on theremote control to enjoy the scene in different angles.

### Default

This is the factory default setting up. When choose 'Read', the previous setting up by the user will be cancelled and the player will come to the factory setting upstate.

### Choosing TV / VIDEO

1.Press the POWER key of the TV set and the audio system.

2.Press the TV / VIDEO key of the TV set to select the video pattern.

◆ If it is an S-video connection, please select the S-video pattern.

3.Choose a correct audio input of the amplifier.

◆ Audio amplifiers may be different from each other. Thus it is necessary to refer to them annual of amplifiers.

◆ Skip this step if you do not connect the player to an amplifier.

### Playing back disks

1.Press the POWER key and the player will start and a start up picture will display on the screen of the TV set. If there is a disk in the disk tray,the player will automatically read and playback it.

2.Press the OPEN /CLOSE key to open the door of the disk tray and put in a disk with its tag side being upturned. Press the OPEN /CLOSEkey again and the door of the tray will be closed and the system will automatically read and play back the disk.

◆ If you put in a DVD disk, its menu picture will display.

◆ If you put in a CD disk, the player will playback it according to the serial number of the tracks.

◆ If you put in an MP3 / a JPEG disk, the File Manager will display. Please refer to the section involved.

◆ If you put in a Picture CD, the player will directly play back the slide show.

### Pause

Press the PAUSE key during playback to make it pause. Press the PLAY key or the PAUSE key again and the playback will be resumed.

### Step playback

Press the STEP key and the player will execute the step playback (frame-by- frame playback).Press the PLAY key during a step playback and the normal playback will be resumed.

### Stopping playback

Press the STOP key once and the system will be in the pre-stop mode with a start-up picture displaying on the screen. Press the PLAY key or the RESUME key and the system will resume the playback where the playback stops. Only by pressing the STOP key twice does the player actually enter the stop mode.

### Screen saver

If the system does not play back any material and the user does not operate it for three minutes or more, it will automatically enter and maintain the screen saver mode until the user presses any key. You can set the screen saver to on /off mode during the function setup.

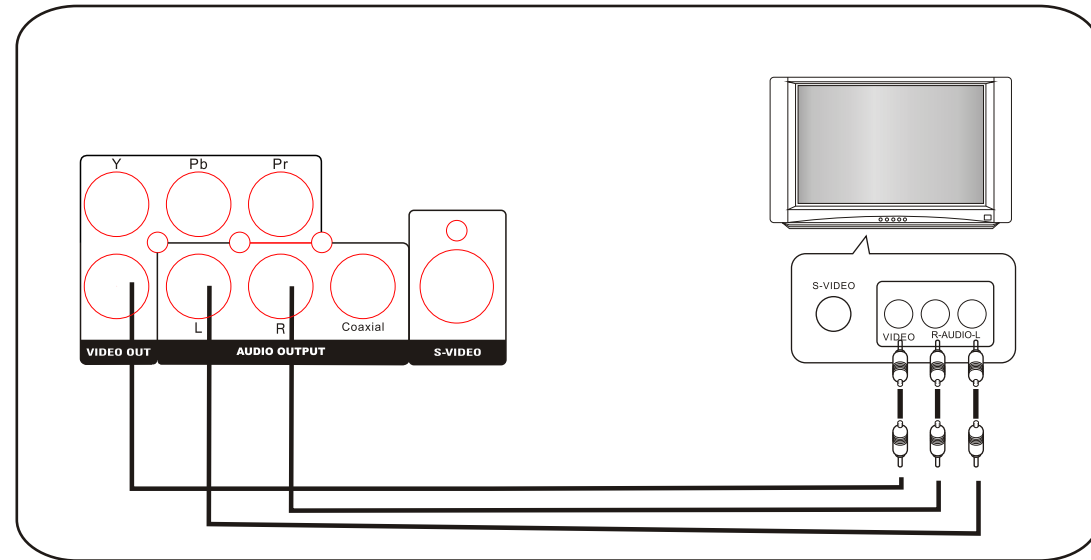
### Volume control

You can increase and decrease the output volume by pressing the VOLUME+ key or the VOLUME - key

### Mute function

Press the MUTE key during the playback and you can eliminate the sound. Press it again and the mute mode will be cancelled. And the normal playback will be resumed.

**STEP 1:** Following the diagram below, connect the Yellow, White and Red cables from the back panel of the DVD player directly to the Television correspondingly\*



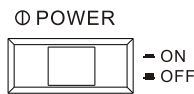
**STEP 2:** Turn on television.

This Norcent DVD Player may be operated either by the buttons on the unit's front panel or by the included remote control.

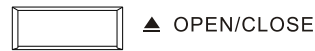
**STEP 3:** Switch your TV into video input mode.

This will be usually a button on your TV remote that labeled INPUT or TV/VIDEO, Line Input, AV Input or Source. If you have trouble to locate the Video Input Mode button, please consult your TV operation manual.

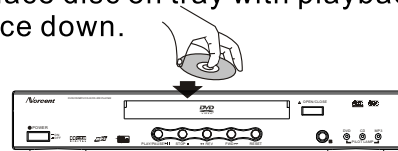
**STEP 4:** Press the POWER button located on front panel .



**STEP 5:** Press " OPEN/CLOSE " button. Disc tray will open.



**STEP 6:** Place disc on tray with playback side face down.

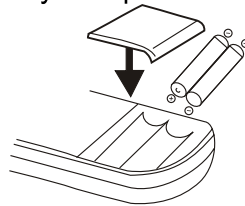


**STEP 7:** Press " OPEN/CLOSE " button. Tray will close. The player will automatically read the disc and begin playing in approximately five seconds.



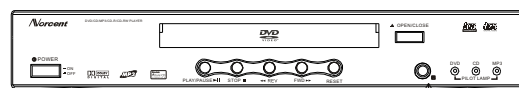
**Remote Control Operation**

**STEP 8:** Insert the two included "AAA" batteries into remote control. Make sure + and - on batteries match up with + and - inside remote battery compartment.



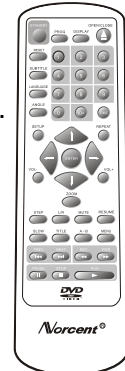
**STEP 9:** Point remote control at remote sensor located on front panel of player.

Note: The remote control is operational at a maximum distance of 21' from sensor at an angle up to 30° either side.



See the User's Manual for directions on how to operate the unit's many special features, such as the parental lock function.

To ensure proper use of this product, it is important that you carefully read the user's manual, especially the information regarding safety and precautionary measures.



\* If your TV doesn't have Video Cable Input, you need to purchase a RF Modulator from your local electronics retailer.

If your TV set has the progress scan terminal YPbPr, use component video cable (not included) to connect the YPbPr terminal of the player. If you want to connect with the YPbPr, select progress scan video mode.

The player supports the function of the progress scan, please select the YUV P-scan in the system setup - screen setup - YUV P-Scan in order to obtain a clear picture.

Note: If you want to use this function, your TV set must support the way of PSCAN input, and before switching to that function (If your TV set support 720p, you can use this function and you will be getting better image), make sure the TV set is properly connected.

If you connect with the CVBS, but no picture. You try to press the RESET button on the front panel to reset the video output from YUV P-Scan to CVBS+S-VIDEO. (Note: It is not function when video output in S-video or CVBS.)

**TROUBLE SHOOTING GUIDE**

Symptom	Possible cause and solution
No power	<ul style="list-style-type: none"> <li>• Make sure the power plug is properly insert to AC power outlet</li> <li>• Make sure the power on switch is in ON position</li> </ul>
No picture, or no picture but with sound	<ul style="list-style-type: none"> <li>• Make sure the S-video cable or RCA cable is plug in securely on both TV and this unit</li> <li>• Make sure to switch your TV into Video mode</li> </ul>
No sound, or no sound but picture	<ul style="list-style-type: none"> <li>• Make sure the Master Volume is not at the minimum position</li> <li>• Make sure the speaker wire is properly insert into both HT unit and speakers</li> <li>• Make sure the sound signal cable is properly used</li> <li>• Make sure the signal cable is connected into right plug</li> </ul>
sound coming out when the unit is turned on	<ul style="list-style-type: none"> <li>• This problem might cause by the short circuit from speaker wire. Please replace the speaker wire and try again</li> <li>• The source signal wasn't connect securely on the back of the unit, please trun off the unit and secure all the cable to try again</li> <li>• Make sure the AC voltage is on the AC120V behind of the unit and try again</li> </ul>
Non of the function was working properly	<ul style="list-style-type: none"> <li>• The built-in control CPU is in protective status. Unplug the power cord and try again</li> </ul>
Disc doesn't play	<ul style="list-style-type: none"> <li>• Make sure the disc is properly placed in the tray with playback side facing down and try again</li> <li>• Make sure the disc is in reasonable reading condition such as free from dirt and scratches</li> </ul>
The remote control doesn't work	<ul style="list-style-type: none"> <li>• Remove the barrier between the remote controller and the dvd player</li> <li>• Make sure the batteries are properly install</li> <li>• Make sure the maximum is not being exceeded</li> </ul>
Split Picture	<ul style="list-style-type: none"> <li>• The machine is controlled by a microprocessor. If any malfunction occurs, try to turn off and wait a couple second before turn back on</li> </ul>



## WARRANTY CARD

Place the  
stamp here

Norcent Technology Inc.  
Attn: Warranty Department  
550 Cliffside Dr.  
San Dimas, CA 91773

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## PRODUCT REGISTRATION CARD

# *Norcent*

Protect your investment.

In order to ensure your warranty, confirm your possession, register the unit, and return this card within 10 days.

This sheet is also available electronically at: [www.norcent.net](http://www.norcent.net).





# Norcent

## Spare a Minute!

Thank you for buying this Norcent product. We appreciate your trust in our ability to provide you with a quality product. Protect your investment. Spare a minute now, while it is fresh in your mind, in order to complete and return this registration card. When you do this...

1. You ensure to qualify for every protection under the terms of the warranty.
2. You verify your possession of the product in case it is lost or stolen.
3. You allow us to contact you in the unlikely event that your product is removed from the market.

For your convenience, this form is also available electronically at: [www.norcent.net](http://www.norcent.net) (Page of the Product Registration).

## IMPORTANT: RETURN THIS CARD WITHIN 10 DAYS.

1. After filling in this card, place the necessary amount of stamp in the top right corner of the other side, and mail it. This will help to protect your investment.

1. First Name Last Name  
Address (street and number)  
  
City State Postal Code
2. Telephone Number:
3. Date of Purchase: Month Day Year
4. Store Name:
5. Did you purchase an extended servicing contract when you bought the product?  
1.  Yes 2.  No
6. Model Number:  
Serial Number (at the back of the unit): Thank you

